



Industry  
Canada

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# IEEE Communications, Quality & Reliability (CQR) Workshop 2006

## Communications Response to Extreme Events

### **PLANNING**

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June 8, 2006

Canada

# Planning – **the never ending mission...**

- **This session focuses on planning for extreme events and the need for continual emergency preparedness learning**
- **Emergency Preparedness planning covers items such as:**
  - Developing preventative and mitigating measures
    - Business continuity and resumption plans
    - Domestic and international collaboration
    - Mutual aid agreements
    - Best practices
    - Information sharing mechanisms
    - Identifying critical points/sites
  - **Identifying and planning for known threats and vulnerabilities**
    - Lessons learned
    - Knowledge of the technology and its limitations
  - **Developing scenarios and exercises to test plans and readiness**

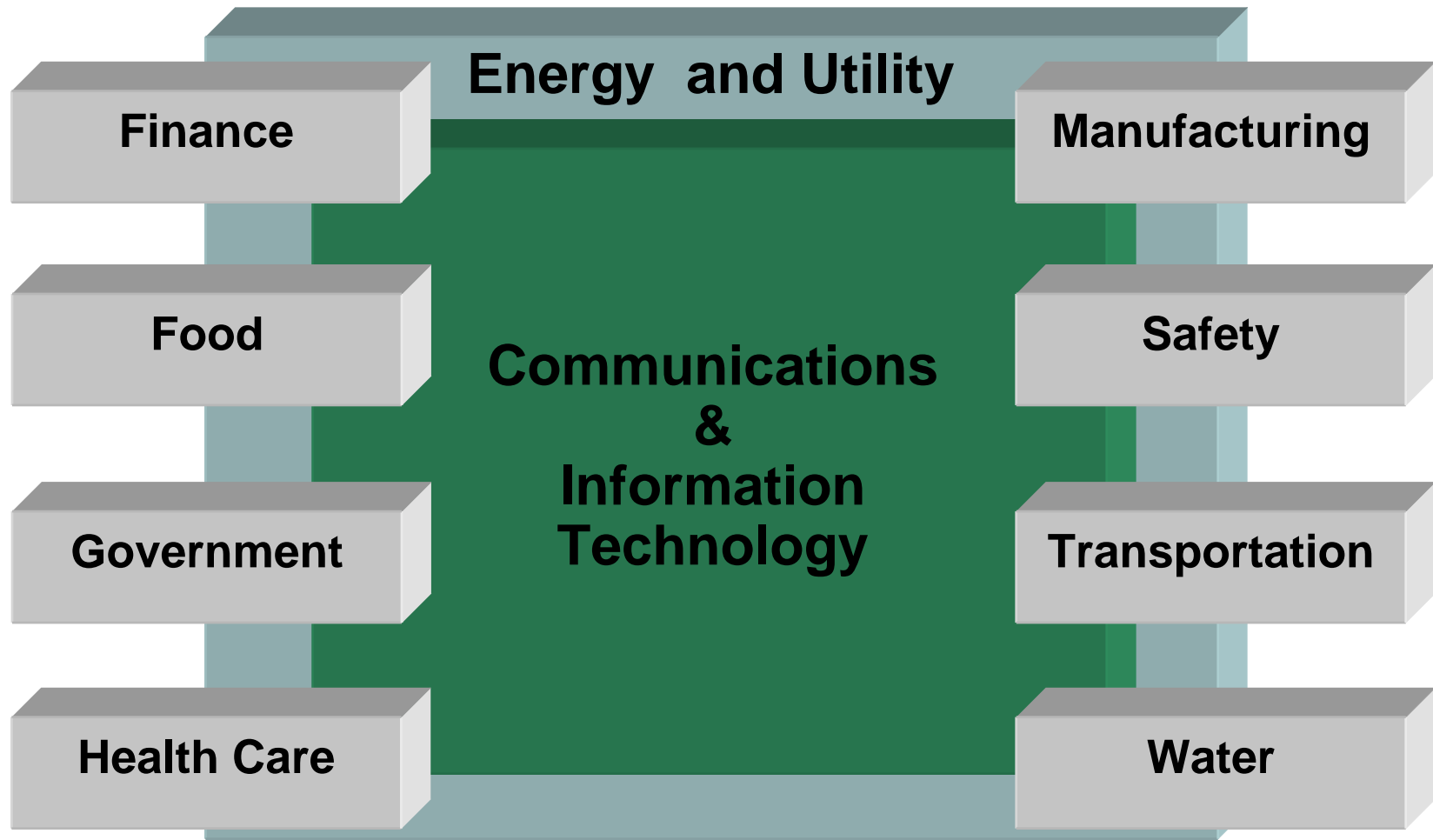
## **Planning – the never ending mission...**

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**“If you have not developed your  
Emergency Plans you have already  
planned to fail!”**

# Critical Infrastructure Sectors

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# Planning - Why and what are the potential threats

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- **The “Network Economy” brings unprecedented efficiency and productivity**
  - Reliance on telecommunications networks has never been greater
  - Technology continues to improve and advance
  - In normal situations, these networks/services make our lives easier
  - In emergency situations, access to these networks and the services they provide can save lives and improve response capabilities
- **Threat environment has many facets**
  - Climate changes, cyber terrorism and crime, increased interdependencies, pandemics, reliance on technologies, technology advances and changes, terrorism

# Presenters

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- John Kluver –Provide overview of planning in Canada by Industry Canada as a lead into the presentations that will follow on extreme events and PLANNING.
- Dr. Jack Edwards – Discuss the work completed by the National Security Telecommunication Advisory Committee on the Telecommunications and Electrical Power Interdependency Task Force and its' planning for the possibility of an extreme event.
- Mr Martin Guldborg - presentation will cover some areas impacted during hurricane Katrina, but focus will be more on the premise that extreme events are something that can be planned and engineered